

## ABSTRACT

2

3

### 3 An electrically operated fast-food service window with a plurality of

4 upwardly focused infrared emitter/receivers mounted on the internal side of a  
5 fast-food service window in a manner such that the emitter/receivers emit beams  
6 slightly askew of the vertical axis. The sensors are used to reliably detect an  
7 employee in the immediate proximity of a fast-food service window as the clerk  
8 bends over the horizontal service shelf adjacent to and attached to the fast-food service window  
9 customer. The sensors, although focused towards the interior of a building, do  
10 not detect employees or traffic in the immediate vicinity of the fast-food service  
11 window thereby virtually eliminating the unintentional opening of the window.  
12 The uniquely oriented sensors are connected to an electric motor operator which  
13 opens the window as an employee prepares to deliver merchandise or other  
14 items to a customer. As the clerk retreats from the fast-food service window  
15 area, the sensors then detect the absence of the clerk thereby causing the motor

17